

# EU Declaration of Conformity

Hereby **Thrane & Thrane A/S trading as Cobham SATCOM** declares that the following equipment complies with the specifications of:

**RED directive 2014/53/EU** concerning Radio Equipment as described in harmonized EU standards:

EN 55022:2010  
EN 301 489-1 V2.1.0  
EN 301 489-12 V2.2.2

EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013  
EN 60950-22:2006 + A11:2008  
EN 62368-1:2014

RF compliance depends on the BUC manufacturer.

## Equipment included in this declaration

Model	Description	Part no.
<b>8157B</b>	<b>EXPLORER 8100 Ka VSAT antenna system</b>	<b>408157B</b>
Consists of		
8147B	EXPLORER 8100 Ka Out Door Unit (ADU)	408147B-xxx-yyy
7140A	EXPLORER Antenna Control Unit (ACU)	407140A-xxx-zzz
SW version	1.57, build 8 or newer.	-

"xxx" is 3 characters determining the product branding, where only labels, logos and user interface varies.

"yyy" is 3 numbers, determining the configuration of the BUC.

"zzz" is 3 numbers determining the configuration of the PSU.

## Description of series/system

8157B EXPLORER 8100 Ka VSAT system consists of an ODU (Out Door Unit) and an ACU (Antenna Control Unit). It is a system that provides two-way satellite voice/data broadband communication featuring stabilization to minimize the impact from minor movements in the vehicle. The system assumes use of a 3<sup>rd</sup> Party Ku-band modem unit. The system can transmit to and receive from any desired Ka-band satellite, which has adequate signal coverage in the current geographic area.

## Manufacturer

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## Location and date

Kgs. Lyngby, 7 June 2017

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